

Message

From: Andrew Baris [abaris@rouxinc.com]
Sent: 7/18/2016 11:39:27 PM
To: Steve Wright - CFAC [swright@cfaluminum.com]; Cirian, Mike [Cirian.Mike@epa.gov]; Laura Jensen [ljensen@rouxinc.com]; repinedl@cdmsmith.com; Hoogerheide, Roger [Hoogerheide.Roger@epa.gov]; Michael Ritorto [mritorto@rouxinc.com]; Moler, Robert [Moler.Robert@epa.gov]; cowen@mt.gov; John.Stroiazso@glencore-ca.com; lidewitt@mt.gov
Subject: CFAC Update call minutes
Attachments: removed.txt

All,

The following provides a summary of the key items discussed on the call this morning as well as identified action items. Please let me know if you have any questions or items to add.

- Call Participants:
 - EPA: Mike Cirian; Roger Hoogerheide; Damon Repine (CDM Smith)
 - MDEQ: Lisa Dewitt, Colleen Owen
 - CFAC: John Stroiazso, Steve Wright
 - Roux: Drew Baris, Laura Jensen
- Follow-up Items from 6/30/16 Call
 - Field Modification Forms – Received EPA comments on all four modification forms. Roux is in the process of updating and getting the materials requested. We will provide updated forms by the end of the week.
 - SAP Addendum Comments – Final comments received from EPA on 7/13. Roux and CFAC are reviewing and will provide a response and revised SAP addendum by 7/29.
 - Geophysical Survey Report – Roux received the revised geophysical draft report and will finalize for submission next week
 - Monitoring Results for Aluminum City Wells – Reanalysis of the sample from the one well with a low level detection of cyanide was non-detect, but analysis was outside of the holding time. The well was re-sampled last Thursday; and the sample was sent to ALS and Energy Labs for fluoride and cyanide analyses. Results will be available within a few weeks. Mike Cirian also reported that he had met with the well manager. Mike Cirian requested that CFAC conduct some research to identify the residents served by the well so that EPA could be sure that all individuals served by the well can be provided the results.
 - Use of Concrete from Demolition as Fill – Roux reported that it has reviewed the approved WMP for demolition of the main plant and sent over highlights/topics of discussion pertinent to the use of concrete from the demolition activities as fill. Roux also reported that that a call scheduled with Mike Cirian to discuss this topic.
- Work Progress Updates
 - Deep Wells: 9 out of 17
 - Water Table Wells: 24 out of 27
 - Soil Borings: 90 out of 95
 - Dry wells: 3 out of 3
 - Operational Grids: 38 out of 43
 - Approximately 430 soil samples collected, 10 surface water samples collected
- Work Progress Issues
 - Completion of Grid 30 has been put on hold due to sample locations near a full propane tank and potential lines beneath the ground with propane that have not be emptied. Mike Ritorto will be onsite 7/19 to address possible options. These will be reviewed with EPA and if a change is warranted it will be documented in a field modification form.

- South percolation pond has water in remaining soil boring locations and likely won't be able to be drilled until water recedes – we will re-evaluate late August/early September to see if there is still water and to consider other options such as hand tools. A modification will be submitted if applicable.
- Schedule Updates
 - Track mounted Sonic Rig mobilized off-Site on Saturday. Three water table wells remain but are planned to be advanced with the use of the Truck mounted Sonic Rig as part of cluster well installation.
 - Geoprobe likely to mobilize offsite mid-week pending completion of the grids
 - Well development to begin on next week – parameters during well development to be documented on form provided by August
 - Landfill GPR work to begin on July 26 with Shari Johnson
 - Asbestos Test pitting to begin August 15 – Cascade OSHA certified operator to test pit with asbestos certified person present from Hydrometrics
 - Surface water and groundwater sampling tentative to begin Sept 6th
- Additional Comments/Concerns
 - Some of EPA's comments on the SAP addendum relate to City of Columbia Falls property (such as Cedar Creek overflow). It was agreed, that some of these comments should be addressed by the City. CFAC will identify the comments it believes should be referred to the City in its response to EPA.
 - As per Steve, sheet piling to begin this week between river and south pond. Materials received last week. Roux and CFAC to address this further in comments.
 - Mike Cirian requested that Roux always provide next steps in weekly reports for any unresolved issues / problems identified, even if the next step is to evaluate options and address in subsequent correspondence. No revisions needed to prior weekly reports, but Roux will address issues this way in future weekly reports.
 - Mike Cirian inquired as to schedule for upcoming QA audits. One is scheduled for next week. Wai Kwan, Ph.D., will be onsite July 27-29, and will conduct an audit Thursday 7/28 to review ongoing drilling and well installation activities. Dr. Kwan will conduct another QA audit during the groundwater / surface water sampling activities in September.
- Next call scheduled for Thursday, August 4 at 10:30 Mountain Time. Roux to send meeting invite and agenda prior to call.

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